PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| John R. Marciante | 03/06/2009 |
| Andrew T. Ryan | 03/06/2009 |

RECEIVING PARTY DATA

| Name: | Redwood Photonics | |
|-----------------|---------------------|--|
| Street Address: | 172 Component Drive | |
| City: | San Jose | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 95131 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12400621 |

CORRESPONDENCE DATA

Fax Number: (650)326-2422

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-326-2400 kaa@townsend.com Email: Correspondent Name: Craig C. Largent

Address Line 1: Townsend and Townsend and Crew LLP Address Line 2: Two Embarcadero Center, 8th Floor Address Line 4: San Francisco, CALIFORNIA 94111

| ATTORNEY DOCKET NUMBER: | 027184-000110US |
|-------------------------|-----------------|
|-------------------------|-----------------|

Craig C. Largent NAME OF SUBMITTER:

Total Attachments: 2

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PATENT

REEL: 022451 FRAME: 0871

Attorney Docket No.: 027184-000110US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, John R. Marciante of 483 Holtz Hollow, Webster, NY 14580; and Andrew T. Ryan of 61 Gresham Lane, Atherton, CA 94027, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD AND APPARATUS FOR GENERATING HIGH POWER VISIBLE AND NEAR-VISIBLE LASER LIGHT

Date(s) of execution of Declaration: ______

Filing Date: Herewith

Application No.: Unassigned; and

WHEREAS, Redwood Photonics, located at 172 Component Drive, San Jose, CA 95131, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

| Dated: | |
|---------------------|-------------------|
| | John R. Marciante |
| Dated: 6 March 2009 | Andrew T. Ryan |

61832373 v1

Attorney Docket No.: 027184-000110US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, John R. Marciante of 483 Holtz Hollow, Webster, NY 14580; and Andrew T. Ryan of 61 Gresham Lane, Atherton, CA 94027, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

METHOD AND APPARATUS FOR GENERATING HIGH

POWER VISIBLE AND NEAR-VISIBLE LASER LIGHT

Date(s) of execution of Declaration: UMarch 2009

Filing Date:

Herewith

Application No.:

Unassigned; and

WHEREAS, Redwood Photonics, located at 172 Component Drive, San Jose, CA 95131, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

| Dated: Ce March 2009 | feller fleerout |
|----------------------|-------------------|
| | John R. Marciante |
| Dated: | |
| | Andrew T. Ryan |

61832373 v1

RECORDED: 03/25/2009

PATENT REEL: 022451 FRAME: 0873